

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	17	429/12-46.ccls. and recombination near2 catalyst	US-PGPUB; USPAT	OR	ON	2007/08/27 10:16
S2	14	("20030003343" "20040053085" "20040247978" "3134697" "4537839" "5235846" "5242764" "5429885" "5563004" "5955215" "6265092" "6432569" "6602631" "6824909").PN.	US-PGPUB; USPAT	OR	ON	2007/08/24 11:35
S3	3	S1 and S2	US-PGPUB; USPAT	OR	ON	2007/08/24 12:23
S4	51	("2687448"   "3080440"   "3522099"   "3600228"   "3740636"   "3832238"   "3895284"   "4002496"   "4098964"   "4143212"   "4194146"   "4207514"   "4210854"   "4247812"   "4288734"   "4307330"   "4679000"   "4912392"   "4925746"   "4925747"   "5156925"   "5162169"   "5318861"   "5328777"   "5362577").PN. OR ("5563004").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/24 14:44
S5	25	S4 and (recombination catalyst platinum)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/24 14:41
S6	5	S4 and (recombination with (catalyst platinum))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/24 14:41
S7	3	"20050014037".pn. "6068943".pn. "6500576".pn.	US-PGPUB; USPAT	OR	ON	2007/08/24 14:47
S8	24	"4098964".pn. "4497880".pn. "5411815".pn. "5952117".pn. "6153329".pn. "6162555".pn. "6500576".pn. "6527942".pn. "6558825".pn. "4254190".pn. "5360680".pn. "5425798".pn. "5578183".pn. "5837402".pn. "5916702".pn. "6015636".pn. "6022639".pn. "6153328".pn. "6162555".pn. "6376115".pn. "20020155352".pn. "6472103".pn. "6489056".pn. "6492046".pn. "6521378".pn.	US-PGPUB; USPAT	OR	ON	2007/08/27 09:32
S9	4	S8 and recombination	US-PGPUB; USPAT	OR	ON	2007/08/27 09:32
S10	8	("4527626"   "4830721"   "4836929"   "5190627"   "5447640"   "5796799"   "6126811").PN. OR ("6527942").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 10:12

## EAST Search History

S11	0	S10 and fuel near2 cell	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 10:12
S12	158	429/12-46.ccls. and recombination	US-PGPUB; USPAT	OR	ON	2007/08/27 10:16
S13	63	429/12-46.ccls. and recombination with hydrogen with oxygen	US-PGPUB; USPAT	OR	ON	2007/08/27 10:17
S14	17	429/12-46.ccls. and recombination near2 catalyst	US-PGPUB; USPAT	OR	ON	2007/08/27 10:17
S15	50	S13 not S14	US-PGPUB; USPAT	OR	ON	2007/08/27 11:09
S16	0	429/12-46.ccls. and cathode with (flow near2 field mesh metal near3 mesh) with (platium pt) near3 catalyst near6 (ptfe teflon)	US-PGPUB; USPAT	OR	ON	2007/08/27 11:10
S17	0	429/12-46.ccls. and cathode with (flow near2 field mesh metal near3 mesh) with (platium pt) near3 catalyst near6 (binder)	US-PGPUB; USPAT	OR	ON	2007/08/27 11:10
S18	0	429/12-46.ccls. and cathode with (flow near2 field mesh metal near3 mesh) same (platium pt) near3 catalyst near6 (binder ptfe teflon)	US-PGPUB; USPAT	OR	ON	2007/08/27 11:10
S19	5	429/12-46.ccls. and cathode with (flow near2 field mesh metal near3 mesh) same (platinum pt) near3 catalyst near6 (binder ptfe teflon)	US-PGPUB; USPAT	OR	ON	2007/08/27 11:12
S20	22	("3013098"   "3236691"   "3432356"   "4292378"   "4410606").PN. OR ("4738904"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 11:11
S21	0	429/12-46.ccls. and cathode same flow near2 field with (mesh metal near3 mesh) same (platinum pt) near3 catalyst near6 (binder ptfe teflon)	US-PGPUB; USPAT	OR	ON	2007/08/27 11:13
S22	0	429/12-46.ccls. and (cathode positive near2 electrode) with flow near2 field with mesh and (cathode positive near2 electrode) with (platinum pt) near3 catalyst near6 (binder ptfe teflon)	US-PGPUB; USPAT	OR	ON	2007/08/27 11:14
S23	24	429/12-46.ccls. and (cathode positive near2 electrode) with (platinum pt) near3 catalyst near6 (binder ptfe teflon)	US-PGPUB; USPAT	OR	ON	2007/08/27 11:14

## EAST Search History

S24	7	429/12-46.ccls. and (cathode positive near2 electrode) with flow near2 field with mesh	US-PGPUB; USPAT	OR	ON	2007/08/27 11:48
S25	33	("3963519"   "4855193"   "5049458"   "5145752"   "5268241"   "5482792").PN. OR ("5798187").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 11:34
S26	4	S24 and weld\$4	US-PGPUB; USPAT	OR	ON	2007/08/27 11:47
S27	9	429/12-46.ccls. and (cathode positive near2 electrode) with mesh with weld\$4	US-PGPUB; USPAT	OR	ON	2007/08/27 12:27
S28	13	429/12-46.ccls. and (platinum pt) near3 catalyst near5 (binder polymer ptfe teflon "teflon.rtm.") with (mesh screen)	US-PGPUB; USPAT	OR	ON	2007/08/27 12:39
S29	21	429/12-46.ccls. and (platinum pt) near3 catalyst near5 (binder polymer ptfe teflon "teflon.rtm.") same (mesh screen) not S28	US-PGPUB; USPAT	OR	ON	2007/08/27 12:48
S30	10	429/12-46.ccls. and (platinum pt) near3 catalyst near5 (binder polymer ptfe teflon "teflon.rtm.") same (cathode positive near2 electrode) and (cathode positive near2 electrode) with (mesh screen) not S29 not S28	US-PGPUB; USPAT	OR	ON	2007/08/27 12:49
S31	30	("3457113"   "4219443"   "4362790"   "4500647"   "4541989"   "4615954"   "4675094").PN. OR ("4927514").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 15:00
S32	1	"5235846".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 15:01
S33	105	429/12-46.ccls. and expanded near2 metal near2 mesh	US-PGPUB; USPAT	OR	ON	2007/08/27 15:06
S34	7	429/12-46.ccls. and expanded near2 metal near2 mesh with catalyst	US-PGPUB; USPAT	OR	ON	2007/08/27 15:07
S35	0	429/12-46.ccls. and catalyst with platinum near5 (binder teflon bond\$4) same (cathode positive near2 electrode) and (cathode positive near2 electrode) with mesh near6 flow near3 field	US-PGPUB; USPAT	OR	ON	2007/08/29 13:42

## EAST Search History

S36	0	429/12-46.ccls. and catalyst with platinum near5 (binder teflon bond\$4) same (cathode positive near2 electrode) and mesh near6 flow near3 field	US-PGPUB; USPAT	OR	ON	2007/08/29 13:42
S37	62	429/12-46.ccls. and catalyst with platinum near5 (binder teflon bond\$4) same (cathode positive near2 electrode)	US-PGPUB; USPAT	OR	ON	2007/08/29 13:42
S38	40	429/12-46.ccls. and catalyst with platinum near5 (binder teflon bond\$4) same (cathode positive near2 electrode) and (mesh screen)	US-PGPUB; USPAT	OR	ON	2007/08/29 13:43
S39	21	429/12-46.ccls. and catalyst with platinum near5 (binder teflon bond\$4) same (cathode positive near2 electrode) and (mesh)	US-PGPUB; USPAT	OR	ON	2007/08/29 13:43
S40	9	(US-20030091878-\$ or US-20040053085-\$ or US-20050014037-\$ or US-20020150811-\$).did. or (US-5563004-\$ or US-6207310-\$ or US-5506067-\$ or US-4738904-\$ or US-5798187-\$).did.	US-PGPUB; USPAT	OR	ON	2007/08/30 10:11
S41	3	S40 and weld\$4	US-PGPUB; USPAT	OR	ON	2007/08/30 10:11
S42	0	429/12-46.ccls. and (bipolar separator) with (mesh screen) near4 flow near2 field with weld\$4	US-PGPUB; USPAT	OR	ON	2007/08/30 10:28
S43	11	429/12-46.ccls. and (bipolar separator) with (mesh screen) with weld\$4	US-PGPUB; USPAT	OR	ON	2007/08/30 10:12
S44	1986	429/12-46.ccls. and (reactant fuel near3 (air oxygen)) with pressure	US-PGPUB; USPAT	OR	ON	2007/08/30 10:29
S45	136	429/12-46.ccls. and (reactant fuel near3 (air oxygen)) with inlet near4 pressure	US-PGPUB; USPAT	OR	ON	2007/08/30 10:36
S46	3	429/12-46.ccls. and (reactant fuel near3 (air oxygen)) with inlet near4 pressure with (atm atmosphere)	US-PGPUB; USPAT	OR	ON	2007/08/30 10:30
S47	3	429/12-46.ccls. and (reactant fuel near3 (air oxygen)) with inlet near4 pressure with (affect effect)	US-PGPUB; USPAT	OR	ON	2007/08/30 10:31
S48	8	429/12-46.ccls. and (reactant fuel near3 (air oxygen)) with inlet near4 pressure with (affect\$3 effect\$3)	US-PGPUB; USPAT	OR	ON	2007/08/30 10:35

## EAST Search History

S49	125	429/12-46.ccls. and (reactant fuel near3 (air oxygen)) with inlet near4 pressure not S46 not S48	US-PGPUB; USPAT	OR	ON	2007/08/30 10:36
-----	-----	--	--------------------	----	----	------------------